



LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

8449-128-999

APPLICATION NO.

09/668,724

APPLICANT

Srivastava, Pramod K.

FILING DATE

9/22/00

GROUP

1646

U.S. PATENT DOCUMENTS

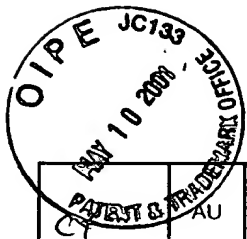
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CY	AA	09/411,075					10/4/99
CY	AB	5,837,251	11/17/98	P. Srivastava			
CY	AC	5,935,576	8/10/99	P. Srivastava			
CY	AD	5,961,979	10.5.99	P. Srivastava			
CY	AE	5,985,270	11/16/99	P. Srivastava			
CY	AF	6,017,540	1/25/00	P. Srivastava			
CY	CR	09/625,137					7/25/00
CY	CS	60/209,095					6/2/00

FOREIGN PATENT DOCUMENTS

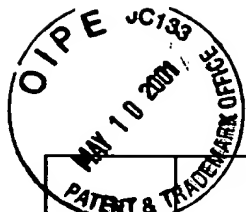
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CY	AG	WO 96/10411	4/11/96	PCT				
CY	AH	WO 97/10002	3/20/97	PCT				
CY	AI	WO 98/46743	10/22/98	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	AJ	Arnold et al., 1995, "Cross-priming of minor histocompatibility antigen-specific cytotoxic T cells upon immunization with the heat shock protein gp96", J Exp Med. 182(3):885-9.
	AK	Arnold-Schild et al., 1999, "Cutting edge: receptor-mediated endocytosis of heat shock proteins by professional antigen-presenting cells", J. Immunol. 1999, 162: 3757-3760.
	AL	Asea et al., 2000, "HSP70 stimulates cytokine production through a CD14 dependant pathway, demonstrating its dual role as a chaperone and cytokine", Nature Med. 6: 435-42
	AM	Bevan, 1995, "Antigen presentation to cytotoxic T lymphocytes in vivo", J.Exp. Med. 192: 639-41
	AN	Binder et al., 1998, Cell Stress & Chaperones 3 (Supp.1): 2.
	AO	Castellino et al., 2000, "Receptor-mediated Uptake of Antigen/Heat Shock Protein Complexes Results in Major Histocompatibility Complex Class I Antigen Presentation via Two Distinct Processing Pathways", J. Exp. Med. 191: 1957-64.
	AP	Chen et al., 1999, "Human 60-kDa Heat-Shock Protein: A Danger Signal to the Innate Immune System", J. Immunology 162: 3212-3219
	AQ	Chu and Pizzo, 1993, "Receptor mediated antigen delivery into macrophages. Complexing antigen to α_2 -macroglobulin enhances presentation into T cells", J. Immun. 150(1):48-58.
	AR	Chu et al., 1994, "Adjuvant-Free in Vivo Targeting. Antigen Delivery by α_2 -macroglobulin enhances antibody formation", J. Immun. 152(4):1538-45.
	AS	Ciupitu et al., 1998, "Immunization with a lymphocytic choriomeningitis virus peptide mixed with heat shock protein 70 results in protective antiviral immunity and specific cytotoxic T lymphocytes", J Exp Med. 187(5):685-91.
	AT	Coutinho et al., 1998, "Alpha-2-macroglobulin receptor is differently expressed in peritoneal macrophages from C3H and C57/B16 mice and up-regulated during Trypanosoma cruzi infection", Tissue and Cell 30: 407-15



	AU	Day et al., "Direct delivery of exogenous MHC class I molecule-binding oligopeptides to the endoplasmic reticulum of viable cells", 1997, Proc Natl Acad Sci. USA 94: 8064-8069
	AV	Dennis et al., 1989, "Alpha 2-macroglobulin is a binding protein for basic fibroblast growth factor", J Biol Chem. 264 (13):7210-6.
	AW	Fadok et al., 2000, "A receptor for phosphatidylserine-specific clearance of apoptotic cells", Nature 405(6782):85-90.
	AX	Forrester et al., 1983, "Effect of modified alpha 2macroglobulin on leucocyte locomotion and chemotaxis", Immunology. 50(2):251-9.
	AY	Haas et al., 1988, "cDNA cloning of the immunoglobulin heavy chain binding protein", Proc Natl Acad Sci U S A. 85(7):2250-4.
	AZ	Herz et al., 1988, "Surface location and high affinity for calcium of a 500-kd liver membrane protein closely related to the LDL-receptor suggest a physiological role as lipoprotein receptor", EMBO J. 7(13):4119-27.
	BA	Hickey et al., 1986, "Sequence and organization of genes encoding the human 27 kDa heat shock protein", Nucleic Acids Res. 14(10):4127-45.
	BB	Hickey et al., 1989, "Sequence and regulation of a gene encoding a human 89-kilodalton heat shock protein", Mol Cell Biol. 9(6):2615-26.
	BC	Hilliker et al., "Assignment of the gene coding for the alpha 2-macroglobulin receptor to mouse chromosome 15 and to human chromosome 12q13-q14 by isotopic and nonisotopic in situ hybridization", Genomics. 13(2):472-4.
	BD	Holtet et al., 1994, "Recombinant α - ₂ M Receptor binding domain binds to the α - ₂ M receptor with high affinity", Ann N Y Acad Sci. 737:480-2.
	BE	Huang et al., 1999, "NMR solution structure of complement-like repeat CR8 from the low density lipoprotein receptor -related protein", J. of Biolog. Chem. 274: 14130-14136
	BF	Huang et al., 1984, "Specific covalent binding of platelet-derived growth factor to human plasma alpha 2-macroglobulin. Proc Natl Acad Sci U S A. 81(2):342-6.
	BG	Hunt et al., 1990, "Characterization and sequence of a mouse hsp70 gene and its expression in mouse cell lines", Gene. 87(2):199-204.
	BH	Jensen et al., 1989, "Comparison of α -macroglobulin receptors from human, baboon, rat and mouse liver", Biochem. Arch. 5:171-6
	BI	Jindal et al., 1989, "Primary structure of a human mitochondrial protein homologous to the bacterial and plant chaperonins and to the 65-kilodalton mycobacterial antigen. Mol Cell Biol. 9(5):2279-83.
	BJ	Kol et al., 2000, "Cutting edge: heat shock protein (HSP)60 activates the innate immune response: CD14 is an essential receptor for HSP60 activation of mononuclear cells", J Immunol. 164(1):13-17
	BK	Krieger and Herz, 1994, "Structures and functions of multiligand lipoprotein receptors: macrophage scavenger receptors and LDL receptor-related protein (LRP)", Annu Rev Biochem. 63:601-37.
	BL	Kristensen et al., 1990, "Evidence that the newly cloned low-density-lipoprotein receptor related protein (LRP) is the alpha 2-macroglobulin receptor", FEBS Lett. 276(1-2):151-5.
	BM	Maki et al., 1990, "Human homologue of murine tumor rejection antigen gp96: 5'-regulatory and coding regions and relationship to stress-induced proteins", Proc Natl Acad Sci U S A. 87(15):5658-62.
	BN	Maki et al., 1993, "Mapping of the genes for human endoplasmic reticular heat shock protein gp96/grp9", Somat Cell Mol Genet. 19(1):73-81.
	BO	Misra et al., 1993, "Receptor-recognized alpha 2-macroglobulin-methylamine elevates intracellular calcium, inositol phosphates and cyclic AMP in murine peritoneal macrophages", Biochem J. 290 (Pt 3):885-91.
	BP	Mitsuda et al., 1993, "A receptor mediated delivery of an HIV 1 derived peptide vaccine", Biochem Biophys Res Commun 194(3): 1155-60
	BQ	Mitsuda et al., 1993, "A receptor-mediated antigen delivery and incorporation system", Biochem. and Biophys. Res. Comm. 191: 1326-31
	BR	Moestrup et al., 1992, "Distribution of the alpha 2-macroglobulin receptor/low density lipoprotein receptor-related protein in human tissues", Cell Tissue Res. 269(3):375-82.



CY	BS	Moestrup et al., 1993, " α_2 -macroglobulin-proteinase complexes, plasminogen activator inhibitor type-1-plasminogen activator complexes, and receptor-associated protein bind to a region of the α_2 -macroglobulin receptor containing a cluster of eight complement type repeats", J. of Biolog. Chem. 268: 13691-13696.
	BT	Nicchitta et al., 1998, "Biochemical, cell biological and immunological issues surrounding the endoplasmic reticulum chaperone GRP94/gp96", Curr Opin Immunol. 10(1):103-9.
	BU	Nielsen et al., 1996, "Identification of residues in alpha-macroglobulins important for binding to the alpha2-macroglobulin receptor/Low density lipoprotein receptor-related protein", J Biol Chem. 271(22):12909-12.
	BV	Nykjaer et al., 1992, "Purified alpha 2-macroglobulin receptor/LDL receptor-related protein binds urokinase.plasminogen activator inhibitor type-1 complex. Evidence that the alpha 2-macroglobulin receptor mediates cellular degradation of urokinase receptor-bound complexes", J Biol Chem. 267(21):14543-6.
	BW	O'Connor-McCourt et al., 1987, "Latent transforming growth factor-beta in serum. A specific complex with alpha 2-macroglobulin", J Biol Chem. 262(29):14090-9.
	BX	Orth et al., 1992, "Complexes of tissue-type plasminogen activator and its serpin inhibitor plasminogen-activator inhibitor type 1 are internalized by means of the low density lipoprotein receptor-related protein/alpha 2-macroglobulin receptor", Proc Natl Acad Sci U S A. 89(16):7422-6.
	BY	Osada et al., 1988, "Antibodies against viral proteins can be produced effectively in response to the increased uptake of alpha 2 macroglobulin: viral protein conjugate by macrophages", Biochem and Biophys. Res. Comm. 150: 883-889.
	BZ	Osada et al., 1987, "Murine T cell proliferation can be specifically augmented by macrophages fed with specific antigen: α -2-macroglobulin conjugate", Biochem. and Biophys. Res. Comm. 146: 26-31
	CA	Sargent et al., 1989, "Human major histocompatibility complex contains genes for the major heat shock protein HSP70", Proc Natl Acad Sci U S A. 86(6):1968-72.
	CB	Savill et al., 1992, "Thrombospondin cooperates with CD36 and the vitronectin receptor in macrophage recognition of neutrophils undergoing apoptosis", J Clin Invest. 90(4):1513-22.
	CC	Singh-Jasjua et al., 2000, "Cross Presentation of Glycoprotein 96-associated antigens on major histocompatibility complex class molecules requires receptor-mediated endocytosis", J. Exp. Med. 191:1965-74
	CD	Soeiro et al., 2000, "Trypanosoma cruzi: Acute Infection Affects Expression of α -2-macroglobulin and A2MR/LRP Receptor Differently in C3H and C57BL/6 Mice", Exper. Parasitology 96: 97-107
	CE	Srivastava et al., 1998, "Heat shock proteins come of age: primitive functions acquire new roles in an adaptive world", Immunity. 8(6):657-65.
	CF	Srivastava et al., 1991, "Stress-induced proteins in immune response to cancer", Curr Top Microbiol Immunol. 167:109-23.
	CG	Srivastava et al., 1987, "5'-structural analysis of genes encoding polymorphic antigens of chemically induced tumors." Proc. Natl. Acad. Sci USA 85:3807-3811
	CH	Srivastava et al., 1993, "Peptide-binding heat shock proteins in the endoplasmic reticulum: role in immune response to cancer and in antigen presentation", Adv Cancer Res. 62:153-77.
	CI	Srivastava et al., 1994, "Heat shock proteins in immune response to cancer: the Fourth Paradigm", Experientia. 50(11-12):1054-60.
	CJ	Srivastava et al., 1994, "Heat shock proteins transfer peptides during antigen processing and CTL priming", Immunogenetics. 39(2):93-8. Review.
	CK	Strickland et al., 1990, "Sequence identity between the alpha 2-macroglobulin receptor and low density lipoprotein receptor-related protein suggests that this molecule is a multifunctional receptor", J Biol Chem. 15:265(29):17401-4.
	CL	Suto and Srivastava, 1995, "A mechanism for the specific immunogenicity of heat shock protein-chaperoned peptides", Science 269(5230):1585-8
	CM	Ting et al., 1988, "Human gene encoding the 78,000-dalton glucose-regulated protein and its pseudogene: structure, conservation, and regulation", DNA. 7(4):275-86.
	CN	Van Leuven et al., 1993, "Molecular cloning and sequencing of the murine alpha-2-macroglobulin receptor cDNA", Biochim Biophys Acta. 1173(1):71-4.



CY	CO	Wassenberg et al., 1999, "Receptor mediated and fluid phase pathways for internalization of the ER Hsp90 chaperone GRP94 in murine macrophages". J. Cell Science 112: 2167-2175.
↓	CP	Willnow et al., 1994, "Molecular dissection of ligand binding sites on the low density lipoprotein receptor-related protein", J. of Biolog. Chem. 269: 15827-15832
↓	CQ	Yamazaki et al., 1989, "Nucleotide sequence of a full-length cDNA for 90 kDa heat-shock protein from human peripheral blood lymphocytes", Nucleic Acids Res. 17(17):7108.
EXAMINER <i>Christoph HY</i>		DATE CONSIDERED <i>5/2/02</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

RECEIVED
MAY 15 2001
TECH CENTER 1600/2900



RECEIVED

JUN 26 2001

Express Mail No.: EL 501 639 249 US

Sheet 1 of 1

TECH CENTER 1600/2900

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

8449-128-999

APPLICATION NO.

09/668,724

APPLICANT

Srivastava, Pramod K.

FILING DATE

9/22/00

GROUP

1646

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
							6/2/00

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CY	CT	WO 94/14976	7/7/94	PCT				
CY	CU	WO 99/50303	10/7/99	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

--	--

EXAMINER

Christopher HX

DATE CONSIDERED

5/2/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



SUPPLEMENTAL LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

8449-128-999

APPLICATION NO.

09/668,724

APPLICANT

Srivastava, Pramod K.

FILING DATE

9/22/00

GROUP

1646

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CY	CV	5,968,526	10/19/99				6/07/95
	CW	US 2002/0001841 A1	1/03/02				6/25/99
↓	CX	6,156,311	12/05/00				7/26/96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CY	CY	WO 00/03003	1/20/00	PCT				
	CZ	WO 98/42752	10/01/98	PCT				
	DA	WO 00/34494	6/15/00	PCT				
	DB	WO 98/46739	7/23/97	PCT				X
	DC	WO 97/04794	2/13/97	PCT				
↓	DK	WO 00/46246	8/10/00	PCT				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	DD	Hanover et al., 1986, "Monoclonal antibodies against a glycoprotein localized in coated pits and endocytic vesicles inhibit alpha2-macroglobulin binding and uptake", J. of Biol. Chem. 261(35): 16732-16737.
	DE	Hertz et al., 1990, "Low density lipoprotein receptor-related protein mediates endocytosis of monoclonal antibodies in cultured cells and rabbit liver", J. of Biol. Chem. 265(34): 21355-21362.
	DF	Horn et al., 1995, "Analysis of the binding of Pro-urokinase and urokinase-plasminogen activator inhibitor-1 complex to the low density lipoprotein receptor-related protein using a Fab fragment selected from a phage-displayed Fab library", J. of Biol. Chem. 270 (20): 11770-11775.
	DG	Huang et al., 1996, "The immunodominant major histocompatibility complex class I-restricted antigen of a murine colon tumor derives from an endogenous retroviral gene product", Proc. Natl. Acad. Sci. USA. 93: 9730-9735.
	DH	Hughes et al., 1981, "Characterization of plasma membrane proteins identified by monoclonal antibodies", J. of Biol. Chem. 256(2): 664-671.
	DI	Isaacs et al., 1988, "Use of anti-idiotypic antibodies to establish that monoclonal antibody 7H11D6 binds to the alpha2-macroglobulin receptor recognition site", J. Biol. Chem. 263(14): 6709-6714.
	DJ	Moestrup et al., 1990, "Immunocytochemical identification of the human alpha 2-macroglobulin receptor in monocytes and fibroblasts: monoclonal antibodies define the receptor as a monocyte differentiation antigen", Exper. Cell Res. 190: 195-203.
	DL	Hey et al., 1988, "Cloning of a novel member of the low-density lipoprotein receptor family", Gene 216: 103-111.
↓	DM	Kim et al., 1998, "A new low density lipoprotein receptor related protein, LRP5, is expressed in hepatocytes and adrenal cortex, and recognized apolipoprotein E", J. Biochem. 124: 1072-1076.

EXAMINER

Christopher HX

DATE CONSIDERED

5/2/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.